

Title (en)
DEVICE FOR THERMALLY JOINING AT LEAST ONE WORKPIECE, COMPRISING A TORCH AND A FUME EXTRACTION UNIT

Title (de)
VORRICHTUNG ZUM THERMISCHEN FÜGEN WENIGSTENS EINES WERKSTÜCKS MIT EINEM BRENNER UND EINER
ABSAUGEINRICHTUNG

Title (fr)
DISPOSITIF POUR L'ASSEMBLAGE THERMIQUE D'AU MOINS UNE PIÈCE, POURVU D'UNE TORCHE ET D'UN DISPOSITIF D'ASPIRATION

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Application
EP 20737437 A 20200707

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Abstract (en)
[origin: CA3143310A1] The invention relates to a device (10) for thermally joining workpieces, comprising a torch (1) and an extraction unit (2) for extracting fumes that are produced during welding, cutting or soldering processes. According to the invention, at least one sensor means (3) is provided for determining the position and/or position changes of the torch (1) and/or a reference point in the area relative to a reference position of the torch (1) and/or of the workpiece to be processed, in such a way that a volume flow of the extraction unit (2) acting on the torch (1) can be influenced according to the determined position and/or position change of the torch (1).

IPC 8 full level
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B23K 9/325 (2013.01 - EP KR US); **B23K 37/00** (2013.01 - US)

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